

FORM PTO-1449 (modified) To: U.S. Department of Commerce (PW FORM PAT-1449) Patent and Trademark Office				Atty. Dkt. No.	M#	Client Ref.
					0306592	OSP-15151

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Date: October 29, 2003

Page **1** of **1**

Applicant: HASEGAWA et al.

Appn. No.: Divisional of 10/254,601 which is a divisional
of 09/793,124

Filing Date: October 30, 2003

Examiner: Estrada, M. Group Art Unit: 2823

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
AR	U.S. 6,240,610 B1	06/2001	Ishihara et al.	29	25.01	
BR	U.S. 5,100,495 A	03/1992	Ohmi et al.	156	345.26	
CR	U.S. 5,716,495 A	02/1998	Butterbaugh et al.	438	708	
DR	U.S. 6,239,044 B1	05/2001	Kashiwagi et al.	438	787	
ER	U.S. 3,732,435 A	05/1973	Strandberg et al.	307	118	
FR	U.S. 4,475,080 A	10/1984	Walker, Charles W. E.	324	640	
GR	U.S. 5,584,971 A	12/1996	Komino, Mitsuaki	204	192.13	
HR	U.S. 4,272,986 A	06/1981	Lowry et al.	73	73	
IR	U.S. 5,749,521 A	05/1998	Lattery, Jerome E.	239	64	
JR	U.S. 4,222,044 A	09/1980	Boschung, Marcel	340	581	
KR	U.S. 5,844,125 A	12/1998	Pillion, John E.	73	29.01	
LR	U.S. 5,407,492 A	04/1995	Ohmi et al.	148	287	
MR	U.S. 4,869,301 A	09/1989	Ohmi et al.	141	85	
NR						

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	Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
					Enclosed	No	Enclose	No
OR	01216551 A	08/1989	Japan	Saruwatari et al.				
PR	03226649 A	10/1991	Japan	Takahashi et al.				
QR	2000097890A	04/2000	Japan	Hashiguchi				
RR	4085927	03/1992	Japan	Hiroshi				
SR	9129709	05/1997	Japan	Fumihiko				
TR	2000216102	08/2000	Japan	Seiichi et al.				
UR	05-099845	04/1993	Japan	Nobuo et al.				
VR	11-183366	07/1999	Japan	Takayuki et al.				
WR								
XR								

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

YR								
ZR								
AAR								
BBR								
CCR								
DDR								

Examiner: *Andrea C. Lorraine*

Date Considered: *08-11-05*

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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Atty.
 Dkt. No.

M#

Client Ref.

0306592

OSP15151

Applicant: HASEGAWA et al.

Appln. No.: 10/696,702

Filing Date: October 30, 2003

Examiner: Estrada, M.

Group Art Unit: 2823

Date: November 20, 2003

Page 1 of 1

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
AR						
BR						
CR						
DR						
ER						
FR						
GR						
HR						
IR						
JR						
KR						
LR						
MR						
NR						

FOREIGN PATENT DOCUMENTS

	Document Number		Date MM/YYYY		Inventor Name		English Abstract	
							Enclosed	No
OR	10-144581	05/1998	Japan	Masanori		X		
PR	60-145999	08/1985	Japan	Haruo		X		
QR	6-61199	03/1994	Japan	Eiji		X		
RR								
SR								
TR								
UR								
VR								
WR								
XR								

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

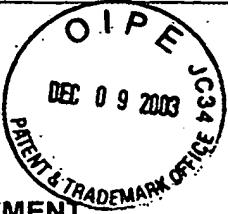
YR								
ZR								
AAR								
BBR								
CCR								
DDR								

Examiner Andie Stevenson

Date Considered: 03-11-05

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Applicant: HASEGAWA et al.		
Appln. No.: 10/696,702		
Filing Date: October 30, 2003		
Examiner: Estrada, M.		Group Art Unit: 2823

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

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Page 1 of 1

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Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
AT	AR 5,241,851	09/1993	Tapp et al.	73	29.01	
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CR						
DR						
ER						
FR						
GR						
HR						
IR						
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FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
					Enclosed	No	Enclose	No
AB	OR JP 10-335249	12/1998	Japan	Hashim		X		
PR								
QR								
RR								
SR								
TR								
UR								
VR								
WR								
XR								

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

YR				
ZR				
AAR				
BBR				
CCR				
DDR				

Examiner *Judie C. Alvarado*

Date Considered: 03-11-05

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